



Attorney Docket No. PPT-1996000050-US-CIP-1

ap 16/00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**RECEIVED**

04 2001

TECH CENTER 1600/2900

APPLICANT(S): Arne Holm, et al.

EXAMINER: N/A

SERIAL NO.: 09/551,336

GROUP: 1646

FILED: April 18, 2000

FOR: SOLID-PHASE PEPTIDE SYNTHESIS AND AGENT FOR USE IN SUCH  
SYNTHESIS

\*\*\*\*\*

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on December 26, 2000.

By: \_\_\_\_\_

Donna M. Tomaso

\*\*\*\*\*

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, DC 20231

Sir:

**TRANSMITTAL LETTER**

Applicants submit the following documents as follows:

- 1) Revocation of Prior Powers of Attorney and New Power of Attorney.
- 2) Statement Under 37 CFR 3.73(b) - Establishing Right of Assignee to Take Action.
- 3) Assignment (copy).

Arne Holm, et al.  
USSN: 09/551,336  
Page 2

The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. **04-1105**.

Respectfully submitted,

Date: December 26, 2000

By: 

Robert L. Buchanan  
Reg. No. 40,927  
Attorney for Applicant(s)

Dike, Bronstein, Roberts & Cushman  
Intellectual Property Practice Group  
EDWARDS & ANGELL, LLP  
130 Water Street  
Boston, Massachusetts 02109  
(617) 523-3400  
160230



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 07, 2000

PTAS

CHERYL H. AGRIS  
ATTORNEY AT LAW  
P.O. BOX 806  
PELHAM, N.Y. 10803



\*101348179A\*



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/18/2000

REEL/FRAME: 010760/0111  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
HOLM, ARNE

DOC DATE: 04/12/2000

ASSIGNOR:  
LARSEN, BJARNE DUE

DOC DATE: 04/12/2000

ASSIGNEE:  
ZEALAND PHARMACEUTICALS A/S  
SMEDELAND 26B  
DK-2600 GLOSTRUP, DENMARK

SERIAL NUMBER: 09551336  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

DIANE RUSSELE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED  
JUL 14 2000

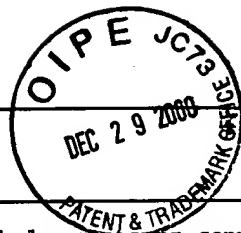
BY: *CA*

05-08-2000



101348179

COMMERCE



Attached original documents or copy

To the Hon. Commissioner of Patents

1. Name of conveying party(ies):

Arne Holm and Bjarne Due Larsen

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Zealand Pharmaceuticals A/S

Internal Address:

Street Address: Smedeland 26B  
DK-2600 Glostrup DENMARK

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: April 12, 2000

JC564 U.S. PTO  
09/551336  
04/18/00

4. Application number(s) or patent number(s): to be assigned

If this document is being filed together with a new application, the filing date of the provisional application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

09/551336

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of the party to whom correspondence concerning document should be mailed:

Name: Cheryl H. Agris, Ph.D.  
Attorney at Law  
P.O. Box 806  
Pelham, N.Y. 10803

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) ..... \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Cheryl H. Agris  
Name of Person Signing

Cheryl H. Agris  
Signature

4/18/00  
Date

Total number of pages including cover sheet, and document: 3

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS: Arne Holm and Bjarne Due Larsen, both citizens of Denmark, residing respectively at Skodsborgparken 20 II tv, DK-2942 Skodsborg Denmark and at Arildsgård 5, 1.th., DK-2700 Brønshøj Denmark,

(hereinafter ASSIGNOR), has made a discovery or invention entitled: **IMPROVED SOLID-PHASE PEPTIDE SYNTHESIS AND AGENT FOR USE IN SUCH SYNTHESIS** for which application of Letters Patent of the United States has been filed:

☒ concurrently herewith

☐ was filed as U.S. Application No. \_\_\_\_\_ on \_\_\_\_\_

and

WHEREAS:

ZEALAND PHARMACEUTICALS A/S a corporation organized under the laws DENMARK, located at Smedeland 26B, DK-2600 Glostrup Denmark, is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument. SAID ASSIGNOR hereby covenants that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNOR hereby further covenants and agrees that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or

ention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Date: 12/04/00

Arne Holm  
Arne Holm

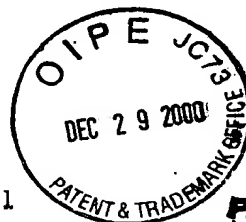
Date: 12/04/00

Bjarne Due Larsen  
Bjarne Due Larsen

(Pat. 77-1091 Pub. 605)

FORM 12-2

12-19

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Practitioner's Docket No. PPT-1996000050-US-CIP-1

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

☒ In re application of: Arne Holm, et al.

Application No.: 09 / 551,336

Group No.: 1642

Filed: April 18, 2000

Examiner: N/A

For: SOLID-PHASE PEPTIDE SYNTHESIS AND AGENT FOR USE IN SUCH SYNTHESIS

☐ Patent No\*:

Issued:

\*NOTE: Insert name(s) of inventor(s) and title also for patent.

Assistant Commissioner for Patents  
Washington, D.C. 20231POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS);

As assignee of record of the entire interest of the above identified,

☒ application,☐ patent,

## REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

## NEW POWER OF ATTORNEY

the following attorney(s) and/or agent(s) are hereby appointed to prosecute and transact  
all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

David G. Conlin, Reg. No. 27,026

Peter F. Corless, Reg. No. 33,860

George W. Neuner, Reg. No. 26,964

Robert L. Buchanan, Reg. No. 40,927

Linda M. Buckley, Reg. No. 31,003

Kerri Pollard Schray, Reg. No. 47,066

(check the following item, if applicable)

☒ Attached, as part of this power of attorney, is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:

(617) 523-3400

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— 04 2001

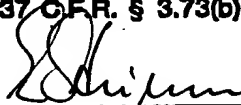
Robert L. Buchanan  
EDWARDS & ANGELL, LLP  
DIKE, BRONSTEIN, ROBERTS & CUSHMAN  
Intellectual Property Practice Group  
130 Water Street  
Boston, MA 02109-4280

Customer No.: 21874

TECH CENTER 1600/2900

Zealand Pharmaceuticals A/S*(type or print identity of assignee of entire interest)*Smedeland 26B, DK-2600AddressGlostrup, Denmark☒ Recorded in PTO on April 18, 2000Reel 010760Frame 0111☐ Recorded herewith**ASSIGNEE STATEMENT**

Attached to this power is a "STATEMENT UNDER 37 C.F.R. § 3.73(b)."



Signature

Date December 20, 2000Dr. Eva Steiness*(type or print name of person authorized to sign on behalf of assignee)*President and CEO

Title

NOTE: The assignee of the entire interest may revoke previous powers and be represented by an attorney of his or her selection. 37 C.F.R. § 1.36.

*(check the following item, if it forms a part of this power of attorney)*☒ Added page—Authorization of attorney(s) to accept and follow instructions from representative.

(Power of Attorney by Assignee of Entire Interest [12-2]—page 2 of 2)

(Rev. 7-10-91 Pub. 605)

FORM 12-2

12-21

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— 04 2001

TECH CENTER 1600/2990

**ADDED PAGE TO POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE  
INTEREST FOR AUTHORIZATION OF ATTORNEY(S) TO ACCEPT AND  
FOLLOW INSTRUCTIONS FROM REPRESENTATIVE**

The undersigned to this power of attorney hereby authorize(s) the U.S. attorney(s) named herein to accept and follow instructions from

Marianne Spanget Larsen

Name(s) of authorized representative(s)

Smedeland 26B, DK-2600

Address

Glostrup, Denmark

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will so be notified by the undersigned.

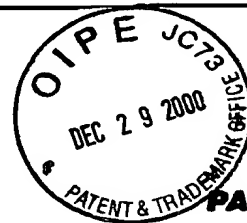
(Rel 75-598 Pub 505)

FORM 16-16

16-69

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Practitioner's Docket No. PPT-1996000050-US-CIP-1

TECH CENTER 1500/2000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Arne Holm, et al.

Application No.: 09 / 551,336

Group No.: 1642

Filed: April 18, 2000

Examiner:

For: SOLID-PHASE PEPTIDE SYNTHESIS AND AGENT FOR USE IN SUCH SYNTHESIS

Issue Date: \_\_\_\_\_

Patent\*: \_\_\_\_\_

Issue Date: \_\_\_\_\_

Reexamination No.: \_\_\_\_\_

Issue Date: \_\_\_\_\_

Reissue: \_\_\_\_\_

\*NOTE: Insert name(s) of inventor(s) and title for patent.

Assistant Commissioner for Patents  
Washington, D.C. 20231**STATEMENT UNDER 37 C.F.R. § 3.73(b)—  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION****CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

- ☐ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

37 C.F.R. § 1.8(a)

- ☒ with sufficient postage as first class mail.

37 C.F.R. § 1.10

- ☐ as "Express Mail Post Office to Addressee"  
Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Date: December 26, 2000Donna M. Tomaso

(type or print name of person certifying)

**\*WARNING:** Each paper or fee filed by Express Mail must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).  
\*Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition.\* Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

NOTE: In order to take action in a patent application, . . . , patent, registration, or reexamination proceeding, the assignee must establish its ownership of the property to the satisfaction of the Commissioner. Ownership is established by submitting to the Office, in the Office file related to the matter in which action is sought to be taken, documentary evidence of a chain of title from the original owner to the assignee (e.g., copy of an executed assignment submitted for recording) or by specifying (e.g., reel and frame number) where such evidence is recorded in the Office. The submission establishing ownership must be signed by a party authorized to act on behalf of the assignee. Documents submitted to establish ownership may be required to be recorded as a condition to permitting the assignee to take action in a matter pending before the Office."

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NOTE: "Section 3.73(b) is amended to remove the sentence requiring an assignee to specifically state that the evidentiary documents have been reviewed and to certify that title is in the assignee seeking to take action. The sentence is deemed to be unnecessary in view of the amendment to §§ 1.4(d) and 10.18." Notice of Oct. 10, 1997, 62 Fed. Reg. 53,131, at 53,174.

TECH CENTER 1000 0000

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

### IDENTIFICATION OF ASSIGNEE

2. Zealand Pharmaceuticals A/S

Name of assignee

Corporation

Type of assignee, e.g., corporation, partnership, university, government agency, etc.

### PERSON AUTHORIZED TO SIGN

3. Eva Steiness

(type name of person authorized to sign on behalf of assignee)

President and CEO

Title of person authorized to sign

NOTE: The Notice of April 30, 1993 (1150 O.G. 62-64) points out:

"The statement under 37 CFR 3.73(b) may be signed on behalf of the assignee in the following two manners if the assignee is an organization (e.g., corporation, partnership, university, government agency, etc.).

"(1) The statement may be signed by a person in the organization having apparent authority to sign on behalf of the organization. An officer (president, vice-president, secretary, or treasurer) is presumed to have authority to sign on behalf of the organization. The signature of the chairman of the board of directors is acceptable, but not the signature of an individual director. A person having a title (manager, director, administrator, general counsel) that does not clearly set forth that person as an officer of the assignee is not presumed to be an officer of the assignee or to have authority to sign the statement on behalf of the assignee. A power of attorney from the inventors in an organization to a practitioner to prosecute a patent application does not make the practitioner an official of an assignee or empower the practitioner to sign the statement on behalf of the assignee.

"(2) The statement may be signed by any person, if the statement includes an averment that the person is empowered to sign the statement on behalf of the assignee and, if not signed by a registered practitioner, the statement must be in oath or declaration form. Where a statement does not include such an averment, and the person signing does not hold a position in the organization that would give rise to a presumption that the person is empowered to sign the statement on behalf of the assignee, evidence of the person's authority to sign will be required."

[Author's Note: The requirement for an oath or declaration for this statement by a person not a registered practitioner was rescinded by the rules effective December 1, 1997.]

(complete the following, if applicable)

☒ I, the person signing below, state that I am empowered to sign this statement on behalf of the assignee.

(Statement under 37 C.F.R. § 3.73(b) — Establishing Right of Assignee to Take Action [16-16]—page 2 of 4)

(Rel.75-598 Pub.603)

FORM 16-16

16-71

**BASIS OF ASSIGNEE'S INTEREST**

Ownership by the assignee is established as follows:

**A.**

1. ☒ An assignment from the inventor(s) of the matter identified above, which was recorded in the PTO at

Reel 010760, Frame 0111.

2. ☐ An assignment (document) separately being submitted for recordal herewith.

**AND/OR**

- B. ☐ A chain of title from the inventor(s) to the current assignee as shown below:

1. From: \_\_\_\_\_  
Name of Inventor(s)

To: \_\_\_\_\_

Recorded in PTO: Reel \_\_\_\_\_  
Frame \_\_\_\_\_

2. From: \_\_\_\_\_  
Name of Inventor(s) or assignee

To: \_\_\_\_\_

Recorded in PTO: Reel \_\_\_\_\_  
Frame \_\_\_\_\_

3. From: \_\_\_\_\_  
Name of Inventor(s) or assignee

To: \_\_\_\_\_

Recorded in PTO: Reel \_\_\_\_\_  
Frame \_\_\_\_\_

*(check item below, and add details, if applicable)*

- ☐ Additional documents in the chain of title are listed in the attached Supplemental Sheet.

**COPIES OF DOCUMENTS IN CHAIN OF TITLE**

*(complete this item, if copies are being sent)*

- ☒ Copies of the assignment(s) or other document(s) in the chain of title are attached as follows:

☒ A☒ 1☐ 2☐ B☐ 1☐ 2☐ 3



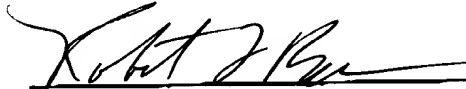
(Signature of authorized person)

Eva Steiness

(type or print name of authorized person)

President and CEO

Title of authorized person



SIGNATURE OF PRACTITIONER

Robert L. Buchanan

(type or print name of practitioner)

EDWARDS & ANGELL, LLP

DIKE, BRONSTEIN, ROBERTS & CUSHMAN

P.O. Address

Intellectual Property Practice Group  
130 Water St., Boston, MA 02109-4280

Reg. No.: 40,927

Tel. No.: (617) 523-3400

Customer No.: 21874